□ □□□□□□ □□□□□□□

□□□□□□-□□□□□□□ □□□□□□□□□□ □□□□□□□□□

DXM □□ □□□□ □□□ □□□?

* □□□□□□ □□ □□□□□□□
* □□□ □□ □□ □□ □□□ □□□□□□□□ □□□□□□ □□□□
* □□□□□ □□□□□□ □□□ □□□□□ □□□□
* □□□□□□ □□□□□□□□ □□□□□□□
* □□□□□ □□□□□

□□□ □□ DXM □□ □□□□□ □□ □□□ □□□ □□ □□□ □□□□□□ □□□ □□□□□□□ □□ □□□ □□, □□ □□□□□ □□□ □□□□ □□□□□□ □□□□□ □□□ □□□□□□ □□□□ □□□

□□□□□□ □□□□□□ □□□□□□□□□ □□ □□□□□ □□□□□

DXM · □□□□□□□□□□□□□□□□□□□□ · □□□□ · □□□□□□□□□□□□ · □□□□□□ □□ · □□□□□□□ · □□□□ · □□□ □□□□□ · □□□□□□

⚠ □□□□ □□□□□□□□□ □□□□□□ - □□ □□□□□□□□ □□□□ □□□□ □□ | □□□□ □□ □□□□□□ □□□: **findahelpline.com/emergency** □□ □□□ □□□□ □□ **findahelpline.com** □□ □□□□□□□ □□□□□

□□□□□□□□ **(DXM) +** □□□□□□□□ **(SSRI)** □□ □□□□□□ **(MAOI) =** □□□□□□□ □□□ □□ □□□□ □□□□□□□□□ □□□□□□□□□ □□□□ □□□□□ □□ □□□□ □□□□□

□□□□□□□□, □□□□□□□□□ □□ □□□□□□ □□ □□□□ □□□□□□ □□□□□□□□ □□□ □□□□□□□□□□□□ □□ □□□□□□□□□□□□□□□ □□□□ □□□ □□ □□□ □□□□□ □□□ □□□□ □□ □□□□ □□□ □□□□ □□ □□□□ □□□□□□□□□ □□ □□□□ □□ □□□□ □□□□

CYP2D6 □□ □□□□ □□□□□□□□□□□□ □□□□□□□□ (DXM) □□ □□□□ □□□ □□ □□□ □□□□□ □□ □□□□□ □□□□ □□□ - □□ □□□□□ □□□□□□□□□ □□□□□□□□ □□ □□□□ □□□□ □□□□ □□□□ □□□

□□□□ □□□□ □□ □□□□ □□ □□□□

□□□□□□ □□□□□□ □□□□□, □□□□□□□□ (DXM) □□ □□□ □□□-□□□ □□□□□□□□□□□ □□ □□□□□□□ □□□□ □□, □□ □□□□□ □□ □□□□□ □□□ □□ □□ □□□□□□ □□□□□ □□□□□□ □□ □□ □□□□□ □□□ □□□□□□□ □□□□□□□□□□ □□□□□□ □□□□□□□□□ □□□ □□ □□□□□□ □□□□ □□□□ □□□

□□□□ □□□□, □□□-□-□□□□□□ □□□□□□□ □□ □□□□: "□□□-□-□□□□□□ □□ □□□□ □□ □□□□ □□ □□ □□ □□□ □□ □□□ □□□□□□□□ □□□" □□ □□□□□ □□□ CYP2D6 □□□□□□□□□□□□□□□□□□ □□ □□□□□□ □□□ □□□□ □□□□□□ □□□□ □□□ □□, □□□□ □□ □□□□□□ □□□□□□ □□□□□□□□□□ □□□ □□ □□□□□ □□ □□□□□□ □□□□ □□□□□□□□□□□ □□ □□□□□□□ □□□□□□□□□□□ □□□□□ □□□ □□□□ □□□ □□□□ □□□ DXM □□ □□ □□□-□-□□□□□□ □□□□□ □□□ □□□□ □□□□□□ □□□□□□ □□: □□ CYP2D6 □□□□ □□□□□□□□□□□ □□ □□□□□□□□ □□□□□ □□□□□ □□□□ □□□□□ □□ DXM □□□□ □□, □□□□□ □□□□□□□□□ □□□□□□□□ □□ □□□□ □□□ □□□□□□□□ □□ □□□□□ □□, □□□□□ □□□□□ □□□□□□□ □□□□□□□□□□□ □□□□□□ □□□ □□□□□□ □□ □□□□□□□ □□□□□ □□ □□□□ □□□ □□□

□□□□□, □□□□□□□□□□□□□-□□□□□□□□□□□□ □□□ □□ □□□□□□□: □□ □□□□□□ □□□ □□□□□□ □□□ □□ □□□□□□□□□□□□ □□ □□□□□□□□□□□□ □□ □□□□□ □□□□□ □□□ □□ □□ □□□□□ □□□ □□ - □□ □□□□ □□ □□□□□□ □□□□□□□□□□□□□ □□□ □□ □□□□□□□□ □□□□□ □□□□□□□□ □□□ □□ □□□□□□□□□□□□□ □□□□ □□□ □□□□□□□□ □□ □□□□□ □□, □□□□□□□□□□□□ □□ □□□□□□ □□□□ □□□□ □□ □□□ □□□□□□ □□ □□□□ □□□ □□ □□□□□□□□ NyQuil □□ DayQuil □□ □□□□□□□□□ □□ □□□□□□□□□□ □□□□□□□□□ □□ □□□□□□□ □□□□ □□ □□□□□ □□ □□□ □□, □□ □□□ □□ □□□□ □□□□ □□ □□□□□□□ □□□ □□ □□□□ □□□□□ □□□ □□ □□□□□□□□□□□□□□ □□ □□□ □□□

□□□□□, □□□□□□□□□□ (dissociative) □□ NMDA □□□□□□□: DXM □□ □□□□□□□□ □□□□□□□□□□ □□□□□ NMDA □□□□□□□□ □□□□□ □□ □□□□□□ □□ □□□ □□□□ □□ - □□□ □□□□□□□ □□ □□□□□□□□ □□ □□□□□□□□□□ □□□ □□ □□□□□□□ □□ □□□□□□□ □□□□□ □□□ □□ □□□□□□ □□□ □□□□□□□□ □□ □□□ □□□□ □□ □□□□□□□, □□□□□□□□ □□□ □□□□□□□ □□□, □□□□□□ □□□□□ □□ □□□□□□□, □□ □□□□□□ □□ □□□□□□ □□□ □□□□ □□□□ □□□□ □□□ - □□□□□ □□ □□ □□ □□□-□-□□□□□□ (OTC) □□□□□□ □□ □□□□□□ □□ □□□□ □□ □□ □□□□ □□ □□□□□□□□ □□□ 8 □□□□ □□□ □□□□□□ □□, □□□□□ □□□ □□□ □□□□□ □□□□ □□□□□, □□ □□ □□□□□□□□□ □□□□ □□□□□□□ □□ □□□ □□□□□□□□ □□□ □□□□ □□□□ □□□□□□ □□ □□□ □□□ □□□□ □□□ □□ □□□□□□ □□□

□□□□□□□□ □□ □□□□□□□□ □□ □□□□ □□□□□□□□ □□□ □□□□ □□□□□□□□□□ □□ □□□□□□□□□□ □□□ □□ □□ □□□□□ □□□ □□□□ □□□□ □□□□□□□□ □□ □□□□□□□□ □□ □□□□□□□□ □□□ □□ □□ □□□ □□□□ □□□□□ □□□□ □□□ □□□□□ □□□□ □□□ □□ □□□ 2 □□□ □□□□□ □□ □□□□ □□□□□□ □□□□ □□ □□□□□□ □□ □□□□□ □□□□□□ □□□□ □□ □□□□□ □□□□□□□ □□□□□ □□□□□ □□□□□ □□□□ □□□ □□ □□□□□ □□ □□□□□ □□□□ □□□□□ □□□ □□□□□ □□□□ □□□-□□□, □□□□ □□□□ □□□□□□□□□□□ □□ □□□□ □□ □□□□□□□□ □□□□□□ □□□□□□ □□ □□□ □□□ □□□ □□□□□ □□□□ □□□□ □□ □□□□ □□□□□□ □□□□□□□□ □□ □□□□ □□□

□□□□ □□□□ □□ □□□□ □□□□□□ 0 □□ □□□□□ □□ □□□□□ - □□□□□□□□ (DXM) □□ □□□□□□□□ □□ □□□□ □□□□ □□□□□□□ □□□□□□□□□ □□□□□ □□ □□□□□□□ □□□□□□ □□□□□□□ □□□□□□ □□□□□□□ □□□

[illegible] 0 - [illegible]: [illegible]

⚠ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]

0.1 — [illegible]: [illegible] [illegible]?

 [illegible] - [illegible]-[illegible] [illegible] [illegible] [illegible] - [illegible] [illegible] [illegible]

DXM [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] DXM [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] DXM [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

			* [illegible] [illegible] [illegible]

		[illegible] [illegible] [illegible]

DXM □□ □□□□□□□□□□ □□□□□□□□ □□□□□□□ □□ - □□ SERT □□ □□□□□□ □□, □□□□ □□□□□□□□□□□□□□ □□□□□ SSRI □□□□□□ □□□□□ □□□□□ □□□□□ □□ □□□□ □□□□ □□ □□□□ □□□□□ □□□□□□□ □□ □□□□□□□□□□□ □□□□□□□□ □□ □□□□□□□ □□, □□ □□□□□□□ □□□□□□□□□□□ □□ □□□□□□□ □□ □□□□□ □□:

- SSRIs (□□□□□□□□□/□□□□□□□□□□□□□□, □□□□□□□□□/□□□□□□□□□□□□□□, □□□□□□□□□□□/□□□□□□□□□□□□□□□□□□, □□□□□□□□□/□□□□□□□□□□□□□□, □□□□□□□□/□□□□□□□□□□□□□□□): □□ □□□□ SERT □□ □□□□□□□□ □□□□□ □□□□ - DXM □□ □□□□ □□□□□ □□ □□□□□□□□□□ □□□□□□□□□ □□ □□□□□ □□□□ □□□□□ □□□□ □□□□□□ □□□□ □□, □□□□□□□□□□□□ □□ □□□□□□□□□□ CYP2D6 □□□□□□□ □□ □□, □□□□□□ □□□□□ □□ □□ □□ DXM □□ □□□□□□□□□□□□□□ □□□□ □□□□□□□□□ □□ □□ □□□□□□ □□, □□□□□□ DXM □□ □□□□□□□□□ □□□□□ □□ □□□□□□□□□□□□□□□ □□□□□□ □□□□□□ □□□□ □□□□□ □□□□□
- SNRI (□□□□□□□□□/□□□□□□□□□□□□□□, □□□□□□□□□□□□/□□□□□□□□□□□□□□□): □□□□□□□□□□ □□ □□□□□□□□□□□□□□□ □□□□□□ □□ □□□□: □□□□□□□ □□□□□□ - DXM □□ □□□□ □□□□□□□ □□ □□□□□□□□□□ □□□□□□□□□ □□ □□□□□ □□□□ □□□□□ □□□□
- MAOI (□□□□□□□□□□□□, □□□□□□□□□□□□□□□□□□□□□□□□□□, □□□□□□□□□□□□, □□□□□ □□□□□□ □□□□□ □□□□□ □□□□ □□□□□, □□□□□□□□□□□/□□□□□□□□□□□□): □□ □□□□□□□□□□ □□ □□□□□□ □□ □□□□□□ □□□□ - DXM □□ □□□□ □□□□□□□ □□□□□ □□ □□□□□□, □□□□□□□□ □□□□ □□ □□□□□ □□□□□□□□□□□ □□□□□□□□□ □□ □□□□□ □□□□ □□ □□□□□□□ □□ □□□□□□ □□ □□□□ □□□□ □□□□
- □□□□□□□□□□□: □□ □□□□□□□ □□ □□□□□□□□□□□ □□□□□□□□ □□ □□□□□□ □□ - □□□□ □□□□□□□□□ □□ □□□□ □□□□□□□ □□ □□□□□□□□□□□ □□□□□□□□□ □□ □□□□□ □□□□ □□□□□ □□□□
- □□□□□□□□□□□□ (□□ □□□□□□□□□□□□□ □□□□□□□ □□□□□□□ □□□□ □□□□□ □□□□): □□ □□ □□ □□□□□□□□ □□□□□□ □□□□□□□□□ □□□□□□□□□□□□ □□□□

□□□□□□□□□□ □□□□□□□□□ □□ □□□□□□: □□□□□□□□□□, □□□□□, □□□□ □□□□□ □□□□, □□□□□ □□□□□□□□, □□□□□ □□□□ □□□□□□□□□, □□□□□□□□□□□□□ □□□□ □□□□□ □□ □□□□□□ **(**□□□□□□ □□□□ □□ □□□□□□ □□□□**)**, □□□□□, □□□□□□□□□□□□□□, □□□□□□□□ □□□□□□□ □□ □□ □□□□□□□□□ □□□□□□□□ □□□□ **findahelpline.com/emergency** □□ □□□□ □□□□□□

CYP2D6 □□ □□□□□□□□□□ □□□□□□□□□ □□ □□□□□ □□□□□□□ □□□□□ □□□□□**: CYP2D6** □□ "□□□□□ □□□□□□□□□□□□□" □□□□□ □□□□□□ □□□□ □□□□□□□□□□ □□□□□□□□□ □□ □□□□□□ □□□□□ □□□□□ □□□□□ □□□□□ □□, □□□□□□□□ □□ **DXM** □□ □□□□□□□□□□□□□□□ □□□□ □□□□□□□□□ □□□□ □□ □□□□□□□□□□ □□□□□ □□ □□□□□ □□□□□ **DXM** □□ □□□□□□□ □□□□□ □□□□ □□□□□ □□□□ □□□□□ □□, □□ □□□□□ **SERT-**□□□□□□□ □□□□ □□□□□□ □□ □□□□□ □□□□□ □□□□ □□□□□ □□□□ □□ □□ □□ **CYP2D6** □□ "□□□□□ □□□□□□□□□□□□□" □□□□**: DXM** □□ □□□□□□ □□□□□ □□ □□□□□□□□□□□□□□□ □□□□ □□ □□□□ □□□□□ □□□□□□□ □□□□□□□ □□ □□ □□□□□ □□□□□ □□□□□□□

0.3 — □□□□□ □□□□□□ □□□□□ □□□□□□□□□□ □□□□□□□ □□ □□□□□□□

□□□□□□□□□□ □□□□□□□□	□□□□□□□	**Response**
□□□□□ □□□□□ □□□□□/□□□□□□	□□□□□□ □□□□□, □□□□□□ □□□□□ □□□□ □□□□□□□□□, □□□□□□□ □□ □□□□□□□, □□□□□ □□□□□□□□□, □□ □ □□□□□□ □□ □□ □□□□□ □□□□ □□ □□□□ □□□□, □□□□□□□□ □□□□□□□□□ □□ □□□□□□□□	□□ □□ □□□□□□□□□ □□□□□□□□ □□□□ findahelpline.com/emergency □□ □□□□ □□□□□□ □□□□□□□ □□□□□□□□ □□ □□□□ □□ □□□□□ (□□□□□ □□□□□□□□, □□□□□□, □□□□□)□ □□□□□ □□□□□ □□

	[illegible]	[illegible]: '[illegible] - [illegible] - [illegible]'
[illegible] ([illegible])[illegible]	[illegible], [illegible], [illegible], [illegible] (DXM) [illegible], [illegible]	[illegible] findahelpline.com/emergency [illegible], [illegible]
[illegible] ([illegible])[illegible]	[illegible] - [illegible]	[illegible] ([illegible]), [illegible] findahelpline.com/emergency [illegible], [illegible]
[illegible]	[illegible] ([illegible]) [illegible], [illegible]	findahelpline.com/emergency[illegible] [illegible] (EMS) [illegible]

□□□□□□□ 1 — □□□□□□□□□ □□ □□□□ □□□□□□□□□ □□ □□□□ □□□□□

□ □□□□□□□□□□ - □□ □□□□□ □□ □□□ □□ □□ □□□□□□□□□□ □□ □□, □□ □□□□□□□□□□ □□□□□□□□ □□□□□□□ □□, □□ □□□□□□□ □□□□□□□□□ □□□□□□□□□ □□, □□ □□ □□□□□ □□□□□□□ □□□□

DXM □□□□□ □□□ □□ □□□□□□□□□ □□□ □□ □□ □□□ □□□ □□□-□□□ □□□□□□□□ □□□□□□□□□□ □□ □□□□□ □□□□ □□, □□ □□□□□□□□□ □□□□□□□ □□ □□□□□□□ □□□□□□□ □□□□□, □□□□□ □□□ □□ □□□□□□□ □□□□□□□ □□ - □□ □□□□ □□□□□□□□ □□□ □□□□ □□ □□□□ □□□□□□□ □□ □□□□□ □□□ - □□□□□□□ □□ CYP2D6 □□□□□□□□ □□ □□□□□□□ □□□□ □□□ □□ □□□-□□□□□□□ □□□□□□□ □□ □□□□□ DXM □□ □□□ □□□-□□□ □□□□□□□ □□ □□□□□□□□ □□□□□□□□ □□ □□□□□□□ □□□□□□□□ □□ □□ □□□□□ □□ □□□□□□□ □□ □□ □□□ □□ □□□□□□□□□□ □□ □□□□□□□ □□□□□ □□□□□, □□□□ □□□□□□□□ □□□□ □□□

1. 1 — □□□ □□□□□□□□ □□□□□□□

□□□□□□□□□ □□□□□□□□	**DXM □□□□ □□□□ □□?**	□□□□□□□ □□□□□□□□□□□□□□
NMDA □□□□□□□□□□ □□□□□□□□□□□ (□□□□□ □□□ □□ - □□□□□□□□□□□□□□□ □ □□ □□□□□□□ □□)□	DXM □□ CYP2D6 □□□□□□□ □□□□□□□□□□□□□□□ □□□ □□□□□□□□□□ □□□□ □□□□ □□ - □□ □□ DXM □□ □□□□□□ □□□ □□ □□□□ □□□□□□□□□□ NMDA □□□□□□□□□ □□□□□□□ □□□ □□□□□□□□□□□□□□, □□□□□ NMDA □□□□□ □□ □□□□□□□ □□, □□□□□□□□□□□□□□□ □□□ □□ □□□□□□□□□ □□ □□□□ □□, □□ □□□□ □□□□□□□□□□□□□, DMN □□ □□□ □□ □□□□□ □□ □□□□ □□□□ □□ "□□□" □□ □□□□□ □□ □□□□ □□□	NMDA □□ □□□□□ □□□ □□□□ □□ □□□□□□□: □□□□□□□□ □□□□□ □□□ □□□□□ □□□□ □□□□□□□□□□ □□□□□□□□□□ (excitotoxicity) □□□□ □□ □□□□□□□, □□□□□□□□ □□□□□ □□ □□ □□ □□□□□ □□□□ □□□ NAC □□ □□□□□□□□□□□ □□□□□□□□□□ □□ □□□□□□□□ □□□□ □□□ □□□□□ □□□□□ □□□□ □□ □□□□□□□□□□ (compendium) □□ □□□□□□□□□ □□□□□□□ □□□□□□ DXM □□ □□□□□□□ □□ □□□ □□□□ □□ □□□□ □□□□ □□□
□□□□□□□-1 □□□□□□□□□□□□□	DXM □□□□□□ (□□□□□□□□□□□□□□□□ □□□□□) □□ □□□□□□□-1 □□□□□□□□□ □□□□□□□□□ □□□ □□□□□□□-1 □□□□□□□□□□□ □□□□□ □□□□□□□□ □□□ □□□□□□ □□□□□ □□□ □□ □□ □□□□□□□, □□□□□□□□ □□ □□□□□□□□□□□□□□□□ □□□□□□ □□ □□□□□□ □□□□□□□□□□□□□□ □□ □□□□□□□□□□ □□□□□ □□□□□ □□□□□□□-1 □□□□□□□□□ □□ □□□□□□ DXM □□□□□□ □□□□□ □□□□□ □□ □□ □ □□ □□□□□ □□□□ □□ □□□□□□□□□□ □□□□□ □□ □□	□□□□□□□-1 □□□□□□□□□ □□ □□□□□□□□□ (DXM) □□ □□□□□□□, □□□□□□□□□ □□ □□□□ □□□□□□□□□□ □□□□□□ □□ □□ □□□□□□ □□□□, □□ □□ □□□□□□□□□□ □□□□□□□ □□□□□ □□□□□□ □□, □□□□□ □□□□□ □□□□ □□□□□□□□□ □□□□ □□□□□ □□ □□□□ □□□□□ □□□□□ □□□□ □□□□ □□□□□□□, □□□□□□ □□□□ □□ □□□□□□□-1 □□□□□□□□□ □□ □□□□□□□ □□ □□□□□□□□□□□□□ □□ □□□□□ □□□□ CYP2D6 □□ □□□□ □□□□□ □□□□, □□ □□□□□□□□□ □□ □□□□□□ □□□□ □□□□□□□□□□□□□□ (dextrorphan) □□ □□□□□ □□□□□ □□□□□ □□□□, □□ □□□□□□□-1 □□□□□□□□□ □□ □□□□□ □□□□□□□ □□□□ □□ □□□□□□ □□□□□ □□□□□

	□ □□ □□□□ □□□ □□ □□□□□□□□□□	
□□□□□□□□□□ □□□□□□□□□□□□□ (SERT) □□ □□□□□□	DXM □□ □□□□□□□□□□□□□ □□□□□ □□ □□□□□□□□□ □□ □□□: □□□□□□ □□ □□□□□ □□□ - □□ SSRIs □□ □□□□□ □□□ □□ □□□□□ □□□□□□□□□□ □□, □□□□□ □□□□□□□ □□□□□ □□ □□□□ □□□□□□□□□□□ □□ □□□□ □□, □□□□□□□ □□□□□□□□ □□ □□□□□ □□ □□ □□□□□□□□□□ □□ □□□□ □□ □□ □□□ □□ □□□□□□□□□□□□ □□□ □□ □□□□□□ □□□□□ □□□ SERT □□□ DXM □□ □□□□□□□□□□□□□□□ □□□□□□□□ □□□ □□□□□□ □□□□ □□, □□□□□ □□ □□□□□ □□, □□ □□□□□□□□□□ □□□□□□□□ □□ □□□□□ □□ □□□□□□ □□ □□ □□□ □□□□ □□□□□□□□□□□□ □□□□□ □□ □□□ □□□□ □□□□ □□□	□□□□□□□□□□ □□□□□□□ □□ □□□□□□, □□ □□□□ □□□ MDMA □□ □□□□□□ □□ □□□□ □□ - 5-HTP □□□□□□□□□ □□□□□□□□□□□□ □□□ □□□ □□ □□□□ □□, □□□□□ □□ □□□□□ □□□□ □□□□□□□□□□ □□ □□ □□□ 5-HTP □□ □□□□□ □□□□ □□□□□ □□□ □□□□ □□ □□□ □□□□ □□□□ □□ (□□ SERT □□□□□ □□□ □□ □□□□□□□□□□ □□), □□ □□□□ □□□□□□□□□ □□□□□□□□ □□ □□□□ □□ □□□□ □□□ □□□□□ DXM □□□□□ □□ □□□ 3-5 □□□ □□□□□□□□□ □□□□, □□□ 5-HTP □□□□ □□□□□
□□□□-□□□□□□ □□□□□□□□□□ (□□□□□ □□□□□□□□)□	DXM □□□ □□□□□ □□□□-□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□□□ □□□□ □□ - □□□□□□□ □□□□□ □□ □□ □□□□□□□□□□ □□□ □□ □□□□□□□□ □□, □□□□□ □□□□ □□□□ (□□□□ □□□) □□□□□ □□ □□ □□□□□□□□□ □□ □□□□ □□, □□ □□ □□□□□ □□□□□ □□ □□□□□ □□ □□□□□□ □□, □□□ □□ □□□□ □□□□□ □□□□ □□□□□□ □□□ □□□□□□□□□□ □□ □□□□□ □□□□□□□□□□□□ □□ □□□□ □□□□ □□□	□□□□□□□□□□ □□□□□ □□, □□□□□□ □□□ □□□□ □□ □□□□ □□□ 4□□□ □□□□ □□ □□□□□ (1000 □□□□□□□□□+) □□, □□□□□□ □□□ □□□□□ □□□□□ □□ □□□□□ □□□ □□□□□□□□□□ □□□□□□ □□□□ □□□ DLPA (□□□□□□□□□□□□ □□□□□□) □□□□□□ □□ □□□ □□□□□□□□ □□□□□□ □□□□□□□ □□ □□□□□□ □□□□ □□, □□□□□ □□ DXM □□□□□□ □□ □□□□□□□□ □□□□□□ □□□□ □□, □□□□ □□ □□ □□□□□□□-□□□□□□ □□□□□□□□ □□ □□□ □□□□ □□□

1.2 - CYP2D6 □□ □□□□□□: □□ □□ □□□□ □□□ □□ □□□-□□□ □□□□□□□

□ □□□□□□□□□ - □□□□□□□ □□□□□□□□□□□□ □□□ □□□□ □□□□ □□□□□□□ □□□□□□ □□□□ □□□-□-□□□□□ □□□□□□□

□□ □□□□□ □□ CYP2D6 □□□□□□□ □□□ □□□□□ □□□ □□ □□□□ □□: "□□□ □□□□ □□□ □□□ □□□□□ □□□ □□ □□ □□□□ □□□□□ □□□□□ □□ □□ □□□ □□□□ □□□□ □□□, □□ □□□□ □□□□ □□□□□ □□□□□ □□□□□ □□□, □□ CYP2D6 □□□□□□□ □□□□□□□□□□ □□□" DXM □□ □□□, □□ □□□ □□□□ □□□□ □□ □□□□□□ □□ □□□□□ □□□ □□□□ □□□□ □□ □□ □□ □□□□ □□□□□□□□ □□□ □□□□□ □□□□ CYP2D6 □□□□ DXM □□ □□□□□□□ □□ □□□□□□□□ □□□□ □□□□ □□ - □□□□□ □□ □□□□□□□□□ □□□□ □□ □□ □□□□□ □□□ □□ □□□ □□ □□□□□ □□□□□□ □□□□□ □□□□ □□□□□□

CYP2D6 □□□□□□□□□□	□□□□□ □□□□□ □□□□□, □□□□ □□ □□□□□ □□ □□□□□ □□□□□ □□ □□□□□□	□□□□□□□□ □□ □□□□□□□□□ □□□□□□□ □□□□□□□□□□□
□□□□□□□□ □□□□□□□□□□□□ (□□□□□ 75% □□□□□□□□□ □□□□□□ □□□□, □□□□□□□ □□□□□□ □□□□ □□□□□)	DXM □□□□□□□□□□□□□ □□□□□□□□□□□□□ □□□□ □□□□□□□□□□ □□ □□□□□ □□□□ □□□□□□□□□ □□ □□□□□□ □□, □□□□□□□□□□□□□ (□□ □□□□□□□□□□□ NMDA □□□□□□□) □□□□□□ □□□□□□□ □□□□□□ □□□□□ □□□□ □□□□□ □□□□□□ □□□□ □□ □□□□□□□□□□ □□□□□ □□ - □□□□□□□□□ □□□□□ NMDA □□□□□□□, DMN □□ □□□□ □□ □□□□□□□ □□ □□□□□□□ □□□□□□□-1 □□ SERT □□□□ □□□□□□ □□□□□ □□□□, □□□□□□ NMDA □□□□□□□ □□□□□ □□□□	□□□□□□□ □□□□□□ □□□□ □□ □□□□□□□□ (NMDA) □□□□□ □□ □□□□□□□□□ □□ (□□□□□□□□-□□□□□□□□ □□□□□□□ □□□□□□), □□□□ □□ □□□□□□□□□ □□□□ □□ □□□□□□□□□□ □□□□□□□□□□□□□□ □□ □□ □□□□□□ □□□□□ □□□□□ □□□□ □□ □□□□□□ □□ □□□□□□□□□□ □□□□□□□□ □□ □□□□□□□ □□ □□□□□□□□□ □□□□□□□ □□□□
CYP2D6 □□□□□ □□□□□□□□□□□□□□ (□□□□□ 7-10% □□□□□□□□□; □□□□□ 1-2% □□□□□□□)□	DXM □□□□□□□□□□□□□ □□□□□□□□□□□□□ □□□□ □□□□□□□□□□ □□□□□ □□□□□ □□□□ DXM □□□□□□ □□□□ □□ □□□□□ □□□□ DXM □□ SERT □□ □□□□□□□□□□□□ □□□□□□□ □□ □□□□□□□-1 □□□□□□□□□ □□ □□□□□□□□ □□□□□□□, NMDA □□□□□□ □□ □□□□□□ □□□□ □□□□□ □□□□□ □□□□□ □□□□ □□□□□ □□□□□□ □□, □□□□□□ □□ "□□□□□□□□□□□□" □□ □□□□□ "□□□□□□□□□□□□□□□□□/□□□□□□□-1" □□□□□ □□ - □□ □□□□□□ □□□□□□□□□□□□□□□ □□□□□□□ □□□□□ □□□□□ □□□□□ □□□□□	□□□□□ □□□□□□□□□□□□□□□ (poor metabolizers) □□□□ □□□□□□□□□ (DXM) □□ □□□□□ □□ □□□□□□□□□ (SSRI) □□ □□□□□□□ □□ □□□□□□□□□□□ □□□□□□□□□ □□ □□□□□ □□□□□ □□□□□ □□□□□ □□□□ □□□□□□□□□□ □□□□□□□□□ □□ □□□□□, □□□□□□□□□ □□ □□□□□□□□-□□□□□□□ □□□□□□□□□ □□ □□□□□ □□□□□ □□, □□□□□□ □□□□□ □□ □□ □□□□□□□□□□ □□□□□□□□□ □□ □□□□□□ □□ □□ □□ □□□□□ □□ □□□□□□□□ □□□□□□□ □□□□□□□□□□□□□□□ □□ □□□□□□ □□□□□ □□□□□ □□□□□□□□□□□□□□□ □□ □□□□ □□ □□□□□□□□□ □□ □□□□□ □□ □□□□□□□□□□□□□ □□□□ □□ □□□□ □□□□□ □□□□□□□ □□□□□□□ □□□□□□□□ □□□□□□□□□□ □□ □□□□□□ □□□□□ □□ □□□□□□□□ □□□□□□□
CYP2D6 □□□□□□□□ □□□□□ □□□□□□□ □□□□□ □□□□□ (~1–2%)□	DXM □□□□□ □□□□□ □□ □□□□□□□□□□□□□□□ □□□□ □□□□□□□□□□ □□ □□□□□ □□ - □□□□□□□□□□□□□□□ □□ □□□□□□□ □□□□□ □□□□□ □□ □□□□□□□□ □□, □□□□□□ □□□□□ □□□□□□ □□ □□□□□ □□□□□□ □□ □□□□□ □□ □□□□□ □□□□□ □□□□□ □□□□□□□□□□ □□□□□□□ □□□□□□□□ □□ □□□□□ □□□□□	□□□□□□□□□ □□ □□□□ □□□□□□□□ □□□□ □□ □□ □□□□□□□□□□ □□□□□□□ □□□□□ □□□□□ □□□□□□□□□ □□ □□□□□ □□ □□ □□□□□□□□□□ □□□□□□□□ □□□□□□□ □□□□□ □□□□□□□ □□ □□□□□ □□□□ □□ □□□□□ □□□□ □□□□□ □□ □□□□ □□ □□ □□□□□ □□□□ □□□□□ □□□□□□□□□: □□□□□□□□ CYP2D6 □□□□□□□ □□□□□□ (□□□□□□□□□□□□□□, □□□□□□□□□□□□□□□, □□□□□□□□□□□□□) □□□□□□□□-□□□□□□ □□□□□□□□□□□□□□□□ □□ □□□□□□□□ □□□□ □□ □□□□□ □□□□□□□□□□□□□□ □□□□ □□□□ □□□□□ □□□□, □□□□□□ □□□□□□□□□ □□ □□□□□□ □□ □□□□□□ □□□□□□□□□ □□□□□□□ □□□□ □□ □□□□ □□□□□ □□□□
CYP2D6 □□□□□ □□□□□□ □□□□□□□ □□□□□□ □□ □□□□□ □□□□	□□□□□□□□□□□□□□□ (□□□□□□□□□) □□ □□□□□□□□□□□□□□ (□□□□□□□□□) □□□□□□ □□ □□□□□□□□□ □□□□ □□ □□□□□□□□□□□ CYP2D6 □□□□□□□ □□ □□□□□ □□□□ □□ □□□□□□ □□ □□□□ □□□□□□□□□ □□□□□ □□□□□ □□, □□ □□ □□ □□□□□□□□ CYP2D6 □□□□□□□□□□□□□ □□ □□□□□□□□ □□□□ □□	DXM + □□□□□□□□□ □□ DXM + □□□□□□□□ □□ □□□□□□□ □□□□-□-□□□□□□□ □□□□□□ □□□□ □□□□□□□□□□ □□□□□□□□□ □□ □□□□□ □□□□□□□□ □□□□ □□□□□□□□□ □□□□ □□ □□ □□□□ □□ □□□□□□□ □□ □□□□□□ □□□□□□□□□ □□□□□□□ □□□□ □□□□□ □□□□□ □□□□□□ □□ □□□□□ □□□□ □□□□□□□□ □□□□□□

	"□□□□□ □□□□□□□□□□□□" □□□ □□□ □□□□□ □□ - □□□□□□□□□ □□□ □□ □□□□□ □□, □□□□□□□□□□ □□□□□□□□□ □□ □□□□□ □□□□□ □□□ □□□□□ □□, □□ □□□□□□□□□ □□□□□ □□□□□□ □□ SERT □□□□□□□ □□ □□□□□□□ □□□	

1.3 - □□□ □□□□□: □□□□□□-□□□□□□□ □□□□□□□□

□ □□□□□□□□□□ - □□ □□□□□□ □□□□□ □□□□□□□□□ □□□□□□□ □□ □□□□□□ □□ □□□□□□ □□□

□□□□□□□□□ □□ □□□□□□□□□ □□ □□□ '□□□□□□□' □□□□□□ □□□□□□□□□□□□□□□□ □□□□□□□□□□□ □□□□□□□ □□□□□□□ □□□□□ □□□□□ □□□ □□, □□□□□□ □□□□□□□ □□□□□□□□□ □□□□□ □□□□□□□□□□ □□□□□□□ □□□□□□□ □□□□□□ □□□□ □□ - □□□□□□ □□□□ □□ □□□□□□□ □□□□□□□ □□ □□□□□□□□□ □□□□□□□□ □□ □□□□ □□ □□□□□□□□□□ □□□□□□□□□□□□□ □□ □□□□□□□ □□□□ □□ □□□□ □□ □□□□□□□□□ □□ □□□□□□□ □□□□□□□□□ □□ □□□□□□ □□ □□□□ □□□□□ □□□□□□□□□□□□ □□□□□□ □□□□□□ □□□□ □□ □□□□□□ □□ □□□□□ □□□□□ □□ □□□□□□□□□□ □□□□□ □□□□□ □□□: □□ □□□□□□ □□ □□□□□□□□ □□□□ □□□□□□□ □□ □□□□□□ □□ □□□□ □□, □□ □□□□□□□□□□ □□□□□ □□ □□ □□□□□□□ □□□□ □□□□ □□ □□□□□□□□□□□□ □□□□□ □□□□□ □□□□□□ □□□□□

□□□□□□□	□□□□□□□□□ □□□□□□□	□□□□□□□□□ □□□□□□□	□□□□□□□□□ □□□□□□ □□□□□□□□□□□□□
□□□□□ □□□□□□	100-200 □□□□□□□□□□□	□□□□□□ □□□□□□□□□, □□□□□□□, □□□□□□□□□□ □□□□ □□□□□□□, □□□□□□ □□□□□□ □□ □□□□□□ □□ □□□□□□□□□□□□□□ □□ □□□□, □□ □□□□□□ □□□□□□ □□□□□ □□ □□□□□ □□ □□□□ □□ □□□□□ □□□□□ □□□□	□□□□□□ □□□□ □□ □□□□□□□-1 □□□□□□□□□□ □□ □□□□□□ □□□□□□□□ □□□□□□□ □□ □□□□□□ □□ □□□□□□□□ □□□□□□□ □□ □□□□□□ □□□□□□□□ □□□□□ □□□□ □□ □□ □□□□□□ □□□□□ □□ □□□□□□□ □□□□ □□□□□□□□□□ □□□□□□□□□□□ □□ □□□□□□□□□ □□ □□□□□ □□ □□□□
□□□□□□ □□□□□□	200-400 □□□□□□□□□□□	□□□□□□ □□□□, □□□□□□□ □□□□ □□□□, □□□□ □□ □□□□□□□□ □□□□ □□□□□□, □□□□□□ □□ □□□□□□ □□□□□□□□ □□□□ □□□□ □□, □□□□□□□□□□ □□□□□□□□□□ □□ □□□□□□□□ □□□□□□□ □□□□ □□□□□□ □□□□□□□□	□□□□□□□□ CYP2D6 □□□□□□□□□□□□□□ □□□□, □□□□□□□ □□□□□□□□□□□□□□ □□ □□□□□ □□□□□ □□, □□□□□□ NMDA □□□□□□ □□□□□□□□ □□□□□ □□□□ □□□□□□□□□□ □□□□□□□□ □□ □□□□□□□□□□□ □□□□□□□ □□□□□□ □□□□ □□ □□□□□□□□ □□□□□□□□□□□□□□ □□ □□□□ □□□□□□□□□□ □□□□□□□□ □□□□□□ □□ □□□□□ □□□□
□□□□□□ □□□□□□	400-700 □□□□□□□□□□□	□□□□□□ □□□□□□, □□□□□ □□ □□□□□ □□□□□ □□ □□□□□□, □□□□□-□□□□□□ □□□□ □□□□□ □□□□□□□□□, □□□□□□ □□□□□□□, "□□-□□□□" □□ "□□-□□□□" □□ □□□□□ □□□□□□□□ □□□□□□□□□□□□ □□□□□□□ □□□□□ - □□□□□□ □□ □□□□□ □□□□□□□□□ □□□□	□□□□□□□□□□□ □□□□□□□□ □□□□□□□□□ □□□□□□, □□□□□□ □□□□□□ (DMN) □□ □□□□ □□□□□ □□□□ □□□□□□□-1 □□□□□□□□□ □□□□□□□ □□□□□□□ □□□□□ □□□□□□ □□□□ □□ □□□□ □□□□□□□□□□□□ □□ □□□□□□□□□□ □□□□ □□□□□ □□□□ - □□ □□□□□□□□□ □□ □□□□-□□□□□□□□□ □□□□□□□□□ □□

			[illegible]
[illegible]	700-1500 [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

1.4 - [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible]

[illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

DXM [illegible] [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

□□ □□□□□□□ - □□ □□□□□ □□□ □□□□□□ □□□□□□ (□□□□□□□□□□□□ □□□□)□	□□□ □□ □□□□□□□ (ADHD) □□ □□□□□□ □□□, □□ □□□□□ □□□ □□ □□ □□□□□□□□ (DXM) □□ □□□□□□ □□□□□ □□□□ □□□□ □□ □□ □□□□□ □□□□□□□□ □□□□ □□□ □□□ □□□□ □□□ □□□ □□□□□□ □□□□□□□ (NMDA) □□ □□□□□□-1 □□ □□□□□□□ □□□□□□□□□□ □□ □□□□ □□□□ □□, □□ □□□□□□ □□ □□□□□□□ □□□□□□□□□□ □□□□□□□□□□ □□□□□□ □□ □□□□□□□□ □□□□ □□□ □□□□□□□ □□ □□□□-□□□□□ □□ □□ □□□□□□ □□□□ □□□□ □□□□ □□□	□□□-□□□□□□□ □□□□□ (□□□□□□□□□□□□, □□□□□□□□□□, □□□□□□□□□□□□□) □□ □□□□□□□ □□□□□, □□ □□ □□□□□ □□□□□□□□ □□□□□□□□ □□ □□□□□□ □□□ □□□□ □□□□ □□□□□□□ □□ □□□□ □□□□ □□ □□□□□□□ □□□□ □□□ □□ □□□□ □□□
□□□□□ □□ □□□ - □□□□□□□ □□□□□□□□ □□ □□□□□□	□□□□□□□□ □□ □□□□□ □□□□□ □□□□□□□□ □□□ □□□□□ □□□□ □□□□□ □□ □□□□□□□ □□□□□□□□ □□□□ □□□□□□ □□□ □□□□□□□ □□□□ □□ □ □□ □□□□ □□□ □□ □□□□□□□□□□ (□□□□ □□□□□□□□) □□ □□ □ □□ □□□□ □□□ □□ □□□□□□□□□□ (□□□□ □□□□□□), □□□□□ □□□□□ □□ □□□ □□□ □□□ □□□ □□□□□□□□□□ □□□□□□□□ □□ □□□□□ □□ □□□ □□ □□□ □□ □□□□□ □□ □□□ □□□ □□□□□ □□□□ □□□, □□□□□ □□□□ □□□-□-□□□□□ □□□□□□□□ □□ □□□□□ □□□□	□□□□□□ 6 □□ □□□□□□□□□□ □□□□□□□□ □□□□□□□□□□□ - □□□□□, □□□□□□□□ (NSDR), □□□□□□□□□□□ □□□□□□□□□, □□□□□□□□ □□□□□□ - □□□□□□□□ (DXM) □□□□□□ □□□□ □□ □□□ □□□□□ □□□□□□□ □□ □□□-□□□□□□□□ □□□□□ □□□□□□ □□□□ □□□ □□□□□ □□□□ □□ □□□□□, □□ □□□□□□ □□□□□□ □□ □□□□□□ □□ □□□□□□□□ □□□ □□□□□□□ (DMN) □□ □□□□□ □□ □□□□□□ □□ □□□□□ □□ □□□□□□ □□, □□□□ □□□□ □□□□ □□□
□□□□□, □□□□, □□ □□□□□ □□□□	□□□□□□□□ □□ □□□-□-□□□□□□ □□□□□□□□ □□□ □□ □□□□□ □□ □□□ □□□□□ □□□ □□ □□□□ □□□□□ □□ □□ □□□ □□□ □□□□ □□ □□□□, □□□□□□□□□ □□□ □□ □□□□ □□□□ □□□□, □□ □□□□ □□□□□□□□ □□ □□□□□ □□□□ □□□ □□□□ □□□ □□□□ □□□ □□□□ - □□□□□ □□□□□□□, □□ □□□□□ □□ □□□ □□ □□□□□□□□ □□□□□□□ □□□ □□□ (□□□□ □□ □□□□ □□□□□□□ □□□□ □□□□□), □□ □□□□□□ □□□ □□ □□□□□ □□□□□ □□ □□□□	□□ □□□□□□□ □□□□□□□□□□ □□□□□□□□□□ □□ □□□□□□□□ □□: □□ □□□, □□□□□□□□ □□□□□ □□ □□□□□ □□□□□□ □□□□ □□ □□□□□□ □□□□ □□□□□ □□□-□-□□□□□□ (OTC) □□□□□ □□□□□□□□ □□ □□□□□ □□□□ □□□□□ □□□□□□ □□□□ □□□□□ □□ □□□ □□□ □□□□ □□ □□□□ □□□□□□□□□□ □□□□□ □□ □□ □□□□ □□□ - □□□□□□□□ □□ □□□□□□□□□□ □□□□□□□□

1. 5 - □□□□□□□ □□□□□□ □□ □□□□ □□ □□□□□ □□□□□□□ □□□□□

□ □□□□□□□□□ - □□□□ □□ □□□-□-□□□□□□ (OTC) □□□□□□ □□ □□□ □□□□ □□□□□□□ □□□ □□ □□□□□□□□ □□□□ □□□□□□□□□ □□□□□□□

DXM □□ □□□□□□□□ □□ □□□□□ □□□□□□ □□□□ □□□□□□□□□ (harm reduction) □□ □□ □□□□□ □□□□□□ □□ - □□□□□□ □□□□□□ □□□□□□ □□□□□ DXM FAQ (□□ 1990 □□ □□□ □□□ □□□□ □□□ □□ □□ □□□ □□ □□□□□□□□ □□□□ □□□□ □□), Erowid □□ DXM □□□□□□, Reddit □□ □□□□□□□ □□□□□ □□ DXM □□□□□□□ □□ □□□□□□ □□ "□□□□□□" □□□□□ □□□□□□ □□□□, □□□□□ □□□□ □□□□□□□□□ □□□□□□□□ □□ □□□□□ □□ □□□□ □□□□, □□ □□□□□□□□ □□□□□□□ □□□□□□□ □□□□□

[illegible] DXM [illegible] '[illegible]' [illegible]

[illegible] CYP2D6 [illegible] DXM [illegible]

□□□ 2 - □□□□ □□□□□□□ □□□□□□□□□□□

DXM □□□ □□ □□□□ □□□□□□□□ □□ □□□□ □□ □□□□ □□□□□□ □□ □□□□□ □□□ □□□□ □□□□ □□□□□□□□ □□□ □□ □□□□□□□□□□□ □□□□□ □□□□□□□□ □□□□ □□□ CYP2D6 □□ □□□□□□□□□□□ □□ □□ - □□ □□□□□□□□□ □□□□ □□ □□ □□□ □□ □□□□□ □□□□□ □□□ □□ □□□□□□□□ □□ □□□□□□□ □□, □□ □□□□□ □□□ □□ □□□□□□□□ □□□□□□□□□□ □□□□□ □□ □□□□□□□□□ □□□□ □□□□ □□□□□□ □□□□□□ □□□□ □□□ □□ □□ □□□ □□ □□□□□□ □□□□ □□ □□ □□□ □□ □□□□□□□□ □□□□ □□□□ □□□

□□□□□□□□ □□□□□□ □□ □□□ □□□□□ □□□□□□□ □□□□□

□□□	□□ □□□□ □□□□□□□□□ □□□□ □□□	□□□□□ □□□□□□□□	□□□□□□□□ □□□□□□ □□ □□□□□□□ □□□□□□□□
CYP2D6	□□□□□□□□ □□□□□□□□ □□□□□□□□□□□ - □□□□□□□□ □□ □□□□□□□□□□□□ □□□ □□□□□□□□□ □□□□ □□ (□□ □□ □□□□ □□□□□□□□□ □□□□□□□ □□□□□□ □□)	*4/*4 □□□□ □□□□□□□□□□□ (7-10% □□□□□□□□ □□□□□ □□□); *1/*1 □□□□□□□; □□□□□□□-□□□□□ □□□□□□□□	DXM □□ □□□ □□ □□ □□□□□□□□□□ □□□ □□ - □□ □□□□ □□□□□□□ □□□ □□□□ □□ □□□□ □□□□□□ □□ □□□□□ □□□ □□□□□ □□ □□□□□□ □□□ □□□□□□ □□□ □□ CYP2D6 □□ □□□□□□ □□ □□□-□-□□□□□□ (OTC) □□□□□ □□ □□□□□□□ □□ □□□□□□ □□□ □□□□ □□□□ □□□ □□□ DXM □□ □□□: □□□□ □□□□□□□□□□□, DXM (□□□□□□-1, SERT □□□□□□) □□ □□□□□□□□ □□□□□ □□ □□□ □□□ □□□□□ □□□□ □□□, □ □□ □□□□□□□□□□□ (NMDA)□ □□□□ □□□□□□□□ □□□□□□□ □□ □□□□ □□□□ □□□□ □□□ □□□□ □□ □□□□□□□ DXM □□□□□□□□ □□□□ □□□□ □□ □□ □□□□ □□□ □□□ □□ □□□□ □□□ □□□ □□□□□ □□ CYP2D6 □□ □□□□□ □□□□ □□□ (□□□□ □□□□□□□□□□□, □□□□□□□□□□□, □□□□□□□□□□), □□□□□□□ □□□□□□□□□□□□ □□ □□□□□□□ □□□ □□ □□□□ □□□□□□□□□□□ □□□ □□□□ □□□□ □□□□ □□ CYP2D6-□□□□□□□□□□□□ □□□ □□ □□□□□□ □□□ □□□□□ □□ □□□□ □□□□ □□□□□□□ □□□□□□□
SLC6A4 / 5-HTTLPR	□□□□□□□□□ □□□□□□□□□□□□ □□ □□□□□□□□□□ □□ □□□□□□□□□□□□	□□□□/□□□□ □□□□ (□□ SERT □□□□□□□□□□□)□	SLC6A4 □□□ □□ "□□□□□/□□□□□" □□□□ □□□ SERT □□ □□□□ □□ □□□□ □□ - □□□□□□□□□□□□□□□□□□ (DXM) □□□□□□ SERT □□ □□□□□ □□□□ □□ □□ □□□□□□□□□□ □□□ □□□□ □□□□□□ □□□□□□□□□□□□ □□□□□□ □□□□□□□ □□□□ □□□ □□□□□□ □□□□□□ (□□□□□□□□□ □□□□□□□, □□□ □□□ □□□□□, □□ □□□□□ □□ □□) □□ □□□□□□□□□ □□□□□□□□ □□ □□□□ □□□□□ □□ □□□ □□□□ □□□□ "□□□□□/□□□□□" □□□□ □□ CYP2D6 □□ "□□□□ □□□□□□□□□□□□□" □□□□□□ □□□ □□□

			[illegible], [illegible] DXM [illegible]
HTR2A	5-HT2A [illegible] - [illegible] "[illegible]" [illegible]	[illegible]	DXM [illegible]-1 [illegible] NMDA [illegible], [illegible] 5-HT2A [illegible]-[illegible] DMN ([illegible]) [illegible] HTR2A [illegible] DXM [illegible] "[illegible]" [illegible] HPPD ([illegible]) [illegible] - [illegible] DXM [illegible], LSD [illegible] HPPD [illegible]
COMT	[illegible]	Val158Met (rs4680)	COMT Met/Met ([illegible], [illegible]) [illegible] DXM [illegible], [illegible], DXM [illegible]-1 [illegible] NMDA [illegible] COMT [illegible]: [illegible], [illegible] NMDA [illegible]
MTHFR	[illegible] - [illegible]	C677T (rs1801133), A1298C (rs1801131)	MTHFR [illegible], [illegible] (DXM) [illegible] 5-MTHF [illegible], [illegible]
DRD4 / DAT1 ([illegible])	[illegible] - [illegible]	DRD4 7-[illegible] (rs1800955); DAT1 10-[illegible] (rs28363170)	ADHD [illegible] DRD4 7-[illegible] DAT1 10-[illegible] (DXM) [illegible], [illegible]

			[illegible] [illegible] (ADHD) [illegible] [illegible] [illegible]

[illegible] 3 - [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] - [illegible] [illegible], [illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible]

DXM [illegible] [illegible] [illegible] [illegible] [illegible]

	[illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible], [illegible] "[illegible] [illegible] [illegible] [illegible] [illegible]" [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	NMDA [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

	[illegible] [illegible]		
[illegible] 1-7	NMDA [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible]; [illegible]-1 [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible]	[illegible] ([illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]), [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible]	[illegible] [illegible] [illegible] (4)[illegible] 5-HTP [illegible] 3-5 [illegible] [illegible] ([illegible] [illegible] - SERT [illegible] [illegible] [illegible], [illegible] [illegible] [illegible])[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] 2-8	[illegible] [illegible] [illegible]-[illegible] [illegible] [illegible] [illegible]; [illegible] HPPD [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] ([illegible], [illegible], [illegible]) [illegible] DXM [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

□□□□□□□ 4 - □□□□□□ □□□□□□□□□□□□□□

□□□□□□□□□ □□ □□□□□□ □□ □□□□, □□□□ □□□□□□□□□□□□ □□ □□ □□□□ □□□□□□□□□□□□□□□ □□□□□□□ □□: □□□□□□□□ □□□□□□□□□□□ □□□□□□□□ (□□□□□ □□ □□□□□□□□□ □□ □□□□□□), □□□□□□□□□□□ □□□□□□□□ (□□□□□ □□ □□□□□□□□ □□ □□□□□□, □□□□□□ □□ □□□□□□□□ □□□□□), □□ □□□□ □□□□□□□□□□□□□□ □□ □□□□□□□ □□□□ □□□□ □□ □□ □□□□□ (□□□□ □□□□□□□□□□□□ □□ □□ □□□□□□□)□ □□□□□□□□□□□ □□□□□ □□ □□□□□□ □□ □□□□□□□ □□□□□ □□□□

4.1 - □□□□□□□□□□ □□□□□□□□□□

□□□□□□	□□□□□□□	□□□□□	□□□□□□□□□ □□ □□□□□□□ □□□□□□
5-MTHF (□□-□□□□□□□□□□□□)	400-1000 mcg □□□□□□□□□□	□□□□□ □□ □□□□□□	□□□□□□□□□□ □□□□□□□□□ □□□□ □□□□□□□ - □□ □□□□□□□□□ □□ □□□□□□□□ □□□□ □□ □□□□□□□□ □□□□ □□ □□□□□□□□□□□ □□□□ □□□□□□ □□□□□□□□□□□ □□□□□□□ □□□□ □□ □□□□□□□□□□ □□□□□□ □□ □□□□□ □□□□□□□□□ □□ □□□□□□ □□□□□, 5-□□□□□□□□□ □□□□□□ □□□□ □□□□ □□□□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□ □□ - □□ □□□□□□□□□□□ □□ □□□□ □□ □□□□□□□□ □□□□□ □□ □□□□□□ □□□□ □□□□□□□□□ □□ □□□□□□□-1 □□ □□□□□□□□ □□□□□□ □□□□□□□□□□□□□ □□ □□□□ □□□□
□□□□□□□□□□□□□□□□□□ (□□12)	1000-2000 mcg □□□□□□□□□□□□□□□	□□□□ □□□□□□□□□	□□□□□□□□□□ □□ □□□□□□□ □□ □□□□ □□□□□□□ □□□□□□□□ □□12□ □□□□□□□□ □□□□□□□□□□□□□□□□□□□□ (DXM) □□ □□□□□□, □□□□□□ □□□□ □□ □□□□□□□ □□□□□□□□□ □□ □□□□, □□□□□□ □□ □□□□□ □□ □□□□□□ □□□□□ □□□□□ □□ □□□□□□ □□□□ □□□□□□□□ □□12 □□ □□□□□ □□□□□□□ □□□□□□□□□ □□□□
P5P (□□□□□□□ □□□□□□□□ □□6)	25–50 □□□□□□□□□□	□□□□ □□□□□□□□	□□□□□□□□□□, □□□□□□□□□ □□ □□□□□□□ □□ □□□□□□□□ □□ □□□□ □□□□□□□ □□□□□□□□ □□□□□□□□□□ (□□□□□□□□□ □□□□□□□ □□□□□□□□ □□□□□□) □□ □□□□□□□□□□ (□□□□□□□□ □□□□□□) □□□□ □□ □□□□ □□□□□□□□, □□□□□□□ □□ □□□□□□ □□5□□-□□□□□□□ □□□□□□□□□□□ □□□□□□□□ □□ □□□□□□ □□□□□ □□□□□□ □□□□
□□□□□□□□□□□□ □□□□□□□□□□□□	400-600 □□□□□□□□□□ □□□□□□	□□□□□ □□ □□□□□	□□□□□□□□□ □□□□□□□□ □□□□□ □□□□□□□□□□□□□ □□□□□□□□□ □□□□□□□ □□□□, □□□□□□□□□□□ □□□□□□□□□□ □□□□ □□ □□□□□□□□ □□□□□ □□ □□□□□□□□ □□□□□ □□, □□□□□□ □□□□□□□□□□ □□ □□□□: □□□□□ □□ □□□□□ □□ □□□□□ □□□□□

			[illegible] [illegible] [illegible]

2. [illegible] [illegible] [illegible] [illegible]
3. [illegible] [illegible] [illegible] [illegible]
4. [illegible] [illegible] [illegible]

* **[illegible]:**
   * [illegible] [illegible] [illegible] [illegible]
   * [illegible] [illegible] [illegible]
   * [illegible] [illegible]

* **[illegible]:**
   * [illegible] [illegible] (findahelpline.com) [illegible] [illegible]

[[illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible],
[illegible], [illegible] [illegible]]

- [illegible] (600-1800 [illegible], [illegible] [illegible], [illegible] [illegible]): [illegible] [illegible] [illegible] [illegible]

- [illegible] (500-1000 [illegible], [illegible], [illegible]): 5-[illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
- [illegible] (4-8 [illegible], [illegible] [illegible] [illegible]): [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
- [illegible]-[illegible] [illegible]-3 ([illegible] 2-4 [illegible]): [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]

4.5 - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **(HPPD)** [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] (DXM) [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] (HPPD)-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

- [illegible]: [illegible], [illegible] 5-MTHF [illegible] (MTHFR-[illegible] 5-MTHF [illegible], [illegible] SSRI [illegible])। [illegible] 6 [illegible], [illegible]: [illegible] SSRIs [illegible], [illegible] DXM [illegible] - [illegible]
- ADHD: [illegible] ADHD [illegible] DXM [illegible] ADHD [illegible]-[illegible] ([illegible], [illegible], [illegible]) [illegible] DXM [illegible] ADHD [illegible]-[illegible], [illegible]
- [illegible]: [illegible]-1 [illegible], [illegible] ([illegible]-[illegible]), [illegible] ([illegible]) [illegible]-[illegible] ([illegible]) [illegible]
- [illegible]-[illegible] (PTSD): DXM [illegible] - [illegible] EMDR, CPT, [illegible]-[illegible]

4.7 — [illegible]

- [illegible] (400 [illegible], [illegible]): [illegible]
- [illegible] (3-5 [illegible], [illegible] 30 [illegible]): [illegible]
- [illegible]-[illegible] (200 [illegible], [illegible]): [illegible]-[illegible]
- [illegible] (0.5-1 [illegible], [illegible], [illegible]): [illegible]
- 5-HTP (50 [illegible], [illegible], [illegible] 3-5 [illegible]): [illegible]-[illegible]

[illegible] ([illegible]/[illegible]): [illegible], [illegible], [illegible] (4–8 [illegible]); [illegible]; [illegible]

DXM [illegible]: [illegible] — [illegible]

4.8 — [illegible]

[illegible]	**DXM** [illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible]
BPC-157	NMDA [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible]; [illegible]-[illegible] [illegible]; [illegible] (DXM) [illegible] [illegible] [illegible] [illegible]

[illegible] 5 - [illegible] [illegible] - [illegible] [illegible]

[illegible] - [illegible] [illegible] [illegible] [illegible] **10** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] - [illegible]-[illegible] [illegible] [illegible]

DXM [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]	[illegible] [illegible] [illegible] [illegible] - [illegible] [illegible] [illegible] [illegible]

5. [redacted]
6. [redacted]
7. [redacted]

□□□□□□□ 6 - □□□□□ □□ □□□□□□□□□□□ □□□□: □□□□□□□□ □□□ □□□□□□□□□ □□□□□ □□□□□, □□ □□□□□□□□ □□□□□□ □□□□ □□□□

□ □□□□□□□□□□ - □□□□□□□□□ □□□□ □□-28, □□□□□□□□ □□ □□□□ - □□ □□□□□□ □□ □□□□□ □□ □□□□□ □□□

DXM □□ □□□-□□□□□□□□ □□□□□□□□ □□□□□□□ □□□□□□□□□□□□ □□ □□□ □□□-□□□ □□□□□□ □□□□□□ □□□□ □□□ □□□□□□ □□□□□□□□□□□ □□ □□□□□□□□□ □□□□□□□□ □□□□□□□ □□□□□ □□ □□□ □□□□ □□:

- □□□□□□□□□□ □□□□□□ □□□□□ □□□□□ □□ □□□: □□□□□□□□ □□□□ □□ □□□□□□□□□ □□□□□□□□ □□□□□□□□□□ - □□□□□ (DMN) □□ □□□□□ □□ □□□ □□□□□, □□□□□□□□□□□□□ □□□□□□□□□□ □□ □□□□□-□□□□□ □□□□□□□□ □□ □□□ □□□□□□□□/□□□ □□□□□□, □□ □□□-□□□□□□□□ □□□□□□□□□□ □□□□□□□□ □□ □□□ □□□□□□□□□□□□ □□□□□□□□□□
- □□□□□□□□□ □□□□ □□□□□ □□□□□ □□ □□□: □□□□□□□ □□□□ □□ □□□□□□□□□ □□□□□ - □□□□□□□□ □□□□□□ □□□□□ □□ □□□□□□□□□□ □□ □□□□□□□□□ □□ □□□□□□ □□□□ □□□, □□□□□□□ □□ □□□□□□□□□ □□ □□□□□□□□□ □□ □□ □□□ □□□□□ □□□□ □□, □□□□□□□
- □□□□□ □□□□□□□ □□ □□□: □□□□□□ □□□□ □□ □□□□□□□□ □□□□□□ □□□□□ - □□□ □□ □□□□□□□□□ □□□□□ □□□□□□ □□□□□□□ □□□□□□□□ □□ □□ □□□□□□□□ □□ □□ □□ □□□□□□□□ □□ □□□□□□□ □□□□ □□ □□□ □□ □□□□□□ □□□□□ □□□
- □□□□□□□ □□□□□ □□□□□□□: □□□□□□□ □□□□□ - □□□-□□□□□□□ □□□, □□□□□□□□□□ □□□□□□□□□□, □□□□□□ □□□□□□□, □□□□□ □□ □□□□□□□□ □□□□□□□□□□□□□ □□ □□□□□□□ □□□□□ □□ □□□□□□□□, □□□□□ □□□□□□□□ □□□□ □□□□ □□: □□□□□, □□□□□□ □□□□, □□□□□□, □□□ □□ □□□□□ □□ □□□□□□ □□ □□□□ □□ □□□ □□□□□□ □□□□ □□□□ □□□

□□□□□□□□□ □□□□□□□□□, □□ □□□□□□□ □□□□□□ DXM □□ □□□ □□□□□□ □□ □□ □□□

DXM □□□□ □□□□□□ □□□□ □□?	□□□□□□□□□ □□□□□□□	□□□□ □□□□ □□□□?	DXM □□ □□□ □□□□□ □□□ □□: * **□□□□□□ □□□□□□ (Recovery Kernel)** * **□□□□□□□□ (Naloxone)** * **COMT** * **DRD2** * **MTHFR** * **□□□□□□□□□ (Blueprint)** * **findahelpline.com**
□□□□□□□□□□□□□ □□□□□ - □□□□□ (DMN) □□ □□□, □□□ □□ □□□□ □□□□□	□□□□□ (□□□□□ □□□□□□□□); □□□□□□□□; □□□□□□□□□□□ □□□□□□□□□□	□□□□□ □□□□□□ - □□□□□□□ 20 □□□□□ □□□□ □□□□□□□□ (□□□□□□□□□ 04)□ □□□□□□□□: □□□□□□□□ 20-30 □□□□, □□□□	□□□□□□□□ □□ □□□□□□□ □□□□□ □□□ □□□□□ (DMN) □□□ □□ □□□□□□□ □□□□ □□ □□ □□□□□□□□ □□□□ □□ □□ □□ □□□□□ □□ □□□□□□ □□ □□□□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□□□ □□□□□ □□□□ □□□

		[illegible], [illegible] [illegible] [illegible]

		[illegible] [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 7 - [illegible]: [illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible] ([illegible] 0-7)	[illegible]; [illegible]; [illegible] 0[illegible]	[illegible]; [illegible] (NAC) [illegible]; [illegible] (HPPD) [illegible]; [illegible]	[illegible]-[illegible]: [illegible] (NAC) [illegible] (DXM) [illegible]-[illegible]-[illegible]; [illegible].
[illegible] ([illegible] 1-14)	[illegible] 07, [illegible] 09, [illegible] 17	NAC (NMDA + [illegible]), [illegible], 5-MTHF, [illegible], [illegible]-[illegible], [illegible]	NAC ([illegible]-[illegible]) [illegible] - [illegible] (NMDA [illegible])[illegible] 5-MTHF [illegible] 5-HTP: [illegible] 3-5 [illegible] DXM [illegible], [illegible] SERT [illegible]
[illegible] ([illegible] 1-4)	CYP2D6 [illegible]; SLC6A4; COMT; MTHFR; DRD4/DAT1	CYP2D6 [illegible]; [illegible]; [illegible]; [illegible]	CYP2D6 [illegible] - [illegible] (DRD4, DAT1) [illegible]
[illegible] ([illegible] 2-12)	[illegible]; [illegible]; [illegible]; [illegible] 4.6	[illegible]; [illegible] (ADHD) [illegible]; [illegible]; [illegible]	[illegible], [illegible], [illegible]
[illegible] ([illegible] 1-8,	[illegible] 4.5 [illegible]; [illegible]	[illegible]; [illegible]	[illegible], [illegible]

[illegible] [illegible] [illegible])[illegible]	[illegible] [illegible], [illegible] [illegible] [illegible]	[illegible]; [illegible]; [illegible] [illegible]	[illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 8 - [illegible]: [illegible]

DXM [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] (DXM) [illegible], [illegible] - [X] [illegible], [[illegible]][illegible] [[illegible]: NMDA [illegible] / [illegible] / [illegible] / [illegible]] [illegible] ([illegible]) [illegible] CYP2D6 [illegible] ADHD/[illegible]/[illegible], [illegible]

[illegible]

8.3 - [illegible]

- [illegible]: [illegible] (18+) [illegible] - [illegible], [illegible]
- [illegible]: Erowid [illegible] (erowid.org/chemicals/dxm) [illegible] (FAQ) [illegible]
- SAMHSA's Treatment Locator (findtreatment.gov): while DXM is rarely listed as a primary substance, substance use disorder treatment for comorbid depression, ADHD, and anxiety is appropriately addressed through the standard treatment locator.
- [illegible]: 1-800-852-8336 ([illegible]) - [illegible], [illegible]
- [illegible]: 741741 [illegible] HOME [illegible]

[illegible]

[illegible] - [illegible] [illegible] [illegible]

DXM □□ □□□□□□□ □□□□□□ □□ □□□□ □□ □□□ □□□□□□□: erowid.org/chemicals/dxm | □□□ □□□□: 1-800-852-8336 | □□□□□□□□□ □□□□□□ □□ □□□, "HOME" □□□□□ 741741 □□ □□□□□□□ □□□□□
□□□□□ □□□□□ □□□□□□□ □□□□□□□□ □□□□□□□□ □□□ □□□□□□□ □□□ □□□□□□□□ □□□□□

Crisis: call or text 988 | Emergency: 911 | SAMHSA: 1-800-662-4357

⚠ □□□□ □□□□□□□□ □□□□□ - □□ □□□□□□□ □□□□ □□□□ □□□
DXM □□ □□□□ □□□ □□□: □□□□□ □□□□□ □□ □□□□□ | □□□□□-□□□□□ □□□□□□□□ □□□□□□□